

Docket No. AT9-99-234

**CLAIMS:**

What is claimed is:

- 5 1. A data processing system implemented method for automating a filesystem backup process, comprising:
- building a table file, wherein the table file lists filesystems to be backed up;
- accessing the table file; and
- 10 backing up a filesystem listed in the table file.
- 15 2. The method recited in claim 1, wherein the table file contains a backup technique to be used for backing up each listed filesystem.
3. The method recited in claim 2, wherein backing up further comprises using a backup technique listed in the table file.
- 20 4. The method recited in claim 1, wherein the table file further comprises a logical location of the filesystem to be backed up.
- 25 5. The method recited in claim 1, wherein the table file further comprises a logical location for at least one backup copy.
- 30 6. The method recited in claim 1, wherein the table file further comprises a number of copies to be created.
7. The method recited in claim 1, further comprising, prior to backing up the filesystem, splitting the

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filesystem on the basis of the filesystem being in use during backing up the filesystem.

8. The method recited in claim 1, further comprising,  
5 prior to backing up the filesystem, locking the table file.

9. The method recited in claim 8, further comprising:  
detecting an error in backing up the filesystem;  
10 unlocking the table file; and  
editing the table file.

10. The method recited in claim 1, further comprising,  
prior to backing up the filesystem, re-syncing logical  
15 volumes servicing the filesystems.

11. The method recited in claim 1, wherein building a table file is performed by an automated script.

12. The method recited in claim 1, wherein accessing a table file is a function performed by an automated script.

13. The method recited in claim 1, wherein backing up the filesystem is performed by an automated script.

14. The method recited in claim 9, wherein unlocking the table file is performed by an automated script.

15. The method recited in claim 10, wherein re-syncing  
30 logical volumes is performed by an automated script.

16. The method recited in claim 7, wherein splitting the

filesystem is performed by an automated script.

17. A data processing system for automating a filesystem backup process, comprising:

- 5           building means for building a table file,  
          wherein the table file lists filesystems to be backed  
          up;  
          accessing means for accessing the table file;  
          and  
10           backing means for backing up a filesystem listed  
          in the table file.

18. The system recited in claim 17, wherein the table  
file contains a backup technique to be used for backing up  
15 each listed filesystem.

19. The system recited in claim 18, wherein backing up  
further comprises using a backup technique listed in the  
table file.

20           20. The system recited in claim 17, wherein the table  
file further comprises a logical location of the  
filesystem to be backed up.

25           21. The system recited in claim 17, wherein the table  
file further comprises a logical location for at least one  
backup copy.

22. The system recited in claim 17, wherein the table  
30 file further comprises a number of copies to be created.

23. The system recited in claim 17, further comprising:

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splitting means for splitting the filesystem on the basis of the filesystem being in use during backing up the filesystem.

5 24. The system recited in claim 17, further comprising:  
locking means for locking the table file.

25. The system recited in claim 24, further comprising:  
detecting means for detecting an error in  
10 backing up the filesystem;  
unlocking means for unlocking the table file;  
and  
editing means for editing the table file.

15 26. The system recited in claim 17, further comprising:  
re-syncing means for re-syncing logical volumes  
servicing the filesystems.

27. The system recited in claim 17, the building means  
20 for building a table file is an automated script.

28. The system recited in claim 17, wherein the accessing  
means for accessing a table file is by an automated  
script.

25 29. The system recited in claim 17, wherein the backing  
means for backing up the filesystem is an automated  
script.

30 30. The system recited in claim 25, wherein the unlocking  
means for unlocking the table file is an automated script.

31. The system recited in claim 26, wherein the re-syncing means for re-syncing logical volumes is an automated script.

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32. The system recited in claim 23, the splitting means for splitting the filesystem is an automated script.

33. A data processing system implemented computer program product for automating a filesystem backup process, comprising:

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building instructions for building a table file, wherein the table file lists filesystems to be backed up;

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accessing instructions for accessing the table file; and

backing instructions for backing up a filesystem listed in the table file.

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